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NOTES AND STATISTICS

ON

VACCINATION IN BURMA

FOR THE YEAR 1903-04.



RANGOON:

OFFICE OF THE SUPERINTENDENT, GOVERNMENT PRINTING, BURMA.

—

1904.

[Price, —Re. 0-5-0 = 5½d.]

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NOTES AND STATISTICS ON VACCINATION IN BURMA FOR THE YEAR
1903-04.

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NOTES AND STATISTICS
ON
VACCINATION IN BURMA
FOR THE YEAR 1903-04.

1. *Establishment*.—The vaccination establishment employed throughout the Statement No. I. year consisted of 224 vaccinators as compared with 213 in the previous year.

The increase was in the districts of Amherst (2), Mergui (1), Bhamo (1), Katha (1), Lower Chindwin (3), Upper Chindwin (2), Pakôkku (3), Meiktila (1), and Myingyan (2). The staff was reduced in the Thôngwa (4) and Thatôn (1) districts.

The staff of Native Superintendents of Vaccination remained the same.

The establishment is badly educated, badly paid, and badly disciplined. The Director of Public Instruction is of opinion that men who have studied up to the 7th standard (Vernacular) in the local schools would take service in the Vaccine Department if the pay was better and a stipend offered to pupils learning the work. Unless the pay is improved the status of the Vaccinator is not likely to improve. It is, however, essential that the staff should be efficiently supervised, and is the one indispensable condition to the successful working of the Vaccination department. In most districts Civil Surgeons cannot find time or opportunity to make tours into the interior of their district off main lines of communication, and they require trustworthy assistants in order to secure adequate and efficient work as well as reliable returns. Hospital Assistants are not available for these posts, and such Native Superintendents as have been employed (12 districts out of 39 employ Superintendents) are of the vaccinator class.

2. *General Operations*.—The total number of operations performed in the province during the year was 398,634, or an increase of 28,124 over last year's figures. This increase was pretty general in each division, save in Mandalay and the Chin Hills where there was a falling off in work of 2,281 and 487 respectively. This falling off occurred in every district of the Mandalay Division, except Katha and is generally attributed to an unhealthy year causing more sickness amongst children.

3. *Primary Vaccination*.—Of the total number of operations 375,798 were primary, or an increase of 27,791 as compared with last year. Statement No. I.

The ratio of success attained was 87·20 against 87·14 in 1902-1903.

4. *Revaccinations*.—The revaccinations performed numbered 22,836 with an increase of 333 over the previous year's figures. The percentage of success was 54·97 against 46·83 in the year preceding. Statement No. I.

5. *Age and sex*.—Of the total vaccinated, 207,861 were males and 190,773 females. District returns show no apparent reason why the male population should have been protected in excess of females by over seventeen thousand. Statement No. I.

Of the successful primary cases 78,266 were infants under one year of age, 178,929 children of between one and six, and 62,840 over and beyond six years.

Out of every 100 persons successfully vaccinated 24 were infants, 56 children under six, and 20 over six years and adults. The percentage of unknown cases to total vaccinated was 2·34.

6. *Infantile protection*.—The percentage of infants successfully vaccinated, in the province as a whole, estimating the births at 40 per 1,000 of population, was 18·67 as compared with 18·77 in 1902-1903. Appendix B.

Of the 156,111 children under one year available for vaccination, a figure arrived at by deducting the deaths under one year of age from the total births, 12·1 per cent. are shown to have been successfully vaccinated.

In Municipalities where the Vaccination Act is in force, 86·93 per cent. were successfully protected.

The towns which return the highest percentage of protection are—Kyaukpyu (253·45); Myaungmya (161·21); Myingyan (119·27); Shwebo (117·53); Akyab (111·14); Pyinmana (109·62); Kyaukse (104·88); Toungoo (102·85); Tavoy (100·00); and Bassein (99·74).

The excess number of vaccinations over the number available in some towns is explained as being due to children of visitors from outlying places brought in for vaccination, and to unvaccinated infants who remained over from the previous year. Erroneous entry of age by the vaccinators is also a probable cause.

The towns showing the lowest percentage of infantile protection are—Salin (54·79); Thatôn (53·27); Yandoon (50·13); Letpadan (44·51); Kyaikto (33·14); Ma-ubin (21·37); and Yamèthin (11·61).

The attention of Civil Surgeons have been drawn to their responsibility in the worst protected Municipalities.

Appendices A and C.

In the town of Rangoon 65 per cent. of the available children were protected. In this town there was an increase of 4,632 operations, or 54 per cent. over last year's work and over 100 per cent. on the work of 1901-1902. The rate of success was 98 per cent.

7. *Protection to population.*—The total number of deaths registered from small-pox in Lower Burma during the year was 1,266, and the ratio of mortality 0·23 per 1,000 of the population against 1,565 and 0·28, respectively, in the previous year. The protection afforded by vaccination in these years was 31·47 and 29·94 per 1,000 respectively.

Taking the figures available for the province by five-year periods it will be seen by a reference to Appendix A that though the protection afforded by vaccination increased from 23·6 per 1,000 in 1888-1893 to 44·9 and 49·4, respectively, in the two following quinquenniums yet the death rate from small-pox was also progressive, rising from 0·51 per 1,000 in 1888-1893 and 0·44 in 1893-1898 to 0·76 in the period 1898-1903.

It must be remembered, however, that there is a strong prejudice in favour of inoculation in the districts generally, and since personal infection is the governing factor in the spread of the disease, small-pox must always be more or less prevalent, so long as inoculation continues and epidemic exacerbations will occur periodically according to the epidemic constitution of the year. For, though small-pox may be introduced into a susceptible population, yet it will not apparently give rise to a general epidemic unless the prevailing climatic conditions are favourable to its spread. What these conditions are we do not know, but the fact remains that at certain irregular intervals small-pox, as judged by its wider spread, is more infectious than it is in other years with equal opportunities for its dissemination. Though communication by rail and road have improved in recent years yet, notwithstanding this increased opportunity for personal intercourse, these epidemic out-breaks have declined in frequency, a fact which may fairly be attributed to the inhibitory effects of Vaccination.

| Province. | DEATH RATE PER 1,000 FROM SMALL-POX. | |
|-----------------------|--------------------------------------|-------|
| | Average of five years. | 1902. |
| Bengal ... | 0·28 | 0·77 |
| Punjab ... | 0·36 | 0·58 |
| United Provinces. | 0·40 | 0·10 |
| North West Provinces. | 0·78 | 0·54 |
| Madras ... | 0·7 | 0·7 |
| Bombay ... | 0·24 | 0·12 |
| Assam ... | 0·62 | 1·26 |
| Burma ... | 0·76 | 0·07 |
| Burma, 1903 ... | ... | 0·23 |

The mortality from small-pox in Burma though higher than it should be does not however compare so unfavourably with the figures for other Indian Provinces as shown in the margin.

Statement No. III.

8. *Dispensary Vaccination.*—As compared with the previous year there was an increase of 2,667 in the number of vaccinations performed at dispensaries. Primary vaccinations increased by 2,302 and re-vaccinations by 365.

The total number of children under one year successfully vaccinated was 476 more than in the previous year.

See Table p. 14

9. *Lymph supply*.—The Meiktila Vaccine Depôt was in charge of Major J. Penny, I.M.S., up to 8th March 1903 when he was relieved by Lieutenant D. J. F. O'Donoghue, R.A.M.C., who was in charge till 2nd April 1903 and for the remainder of the year Major T. W. Stewart, I.M.S., was the Superintendent.

The total number of calves vaccinated was 557 of which 456 were successful as compared with 386 and 342 respectively in the previous year.

From these calves 68·73 ounces of pure lymph pulp was obtained which after admixture with lanoline was sufficient to vaccinate 492,476 cases.

The general results obtained were 87·20 per cent. of success in primary and Statement No. I. 54·97 in re-vaccination.

The Superintendent draws attention to the want of uniformity in the results returned by different districts, as for instance paste No. 304 was distributed to 7 stations, of these 5 reported over 90 per cent. of success, 2 over 80, one over 70 and in one station total failure was reported. Paste No. 152 was distributed to 14 stations, of these 8 returned over 90 per cent., 2 over 80, 2 over 70, one 23·63 and one 19·23. Varying results from the same district not infrequently occur in the hands of different vaccinators. This, the Superintendent believes, to be due to vaccinators in some instances not taking sufficient care of the paste to guard it against exposure to sun heat and failing to thoroughly rub the material into the abrasions on children's arms.

During the months of March and April the results were not very satisfactory owing, it is suggested, to deterioration of the vaccine organism from high atmospheric temperature. This is being investigated with a view to improving the manufacture.

The total cost of the establishment comes to Rs. 8,475-15-1 as compared Statement No. II. with Rs. 8,374-1-11 in the previous year and the average cost of production of lymph per case was 3 pies.

10. *Expenditure*.—The total cost of the provincial vaccine department for Statement No. II. 1903-1904 amounted to Rs. 94,331-2-0 as compared with Rs. 85,828-11-2 in the preceding year. The extra expenditure was due partly to the larger staff employed.

The cost of each successful case was 4 annas 7 pies against 4 annas 5 pies in the previous year.

The average cost of each successful case varied from Rs. 1-1-7 in Hanthawaddy; 14 annas 4 pies in Thatôn; 11 annas 8 pies in Chin Hills and 11 annas 1 pie in Rangoon to 2 annas 1 pie in Henzada; 2 annas 2 pies in Tavoy; 2 annas 4 pies in Myaungmya and 2 annas 6 pies in Upper Chindwin district.

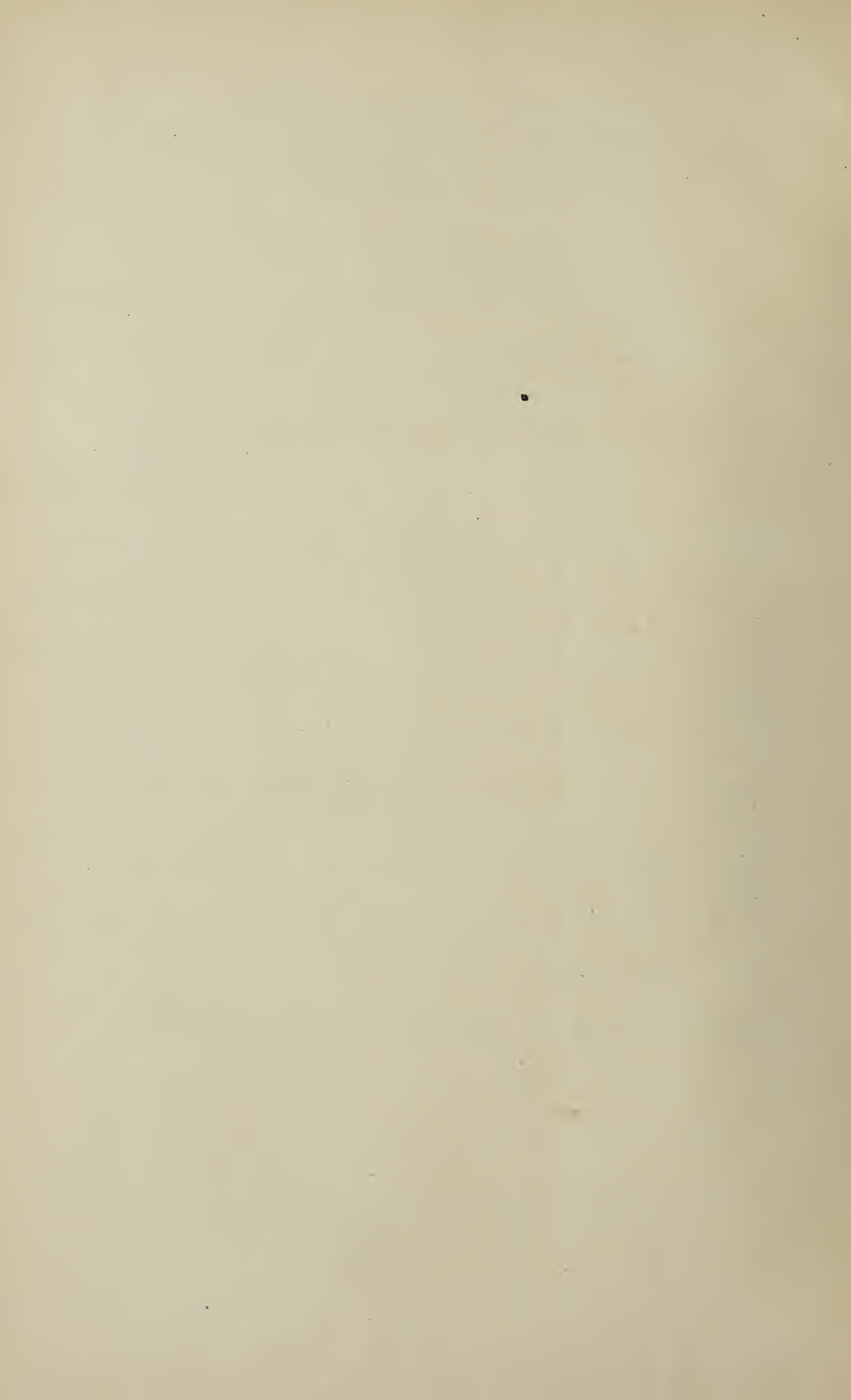
11. This statement compares the primary vaccinations and the success obtained in each of ten years ending 1903-04 by Government, Municipal and Local Funds as well as in Native States, Dispensaries and in Cantonments. This statement calls for no remarks. Statement No. IV.

12. Of the number vaccinated 39 per cent. were inspected against 37 in Statement No. V. 1902-03.

The inspections of Native Superintendents show an increase but are still lower than they should be.

RANGOON :
The 26th May 1904. }

C. C. LITTLE, COL., M.D., I.M.S.,
Superintendent-General of Vaccination, Burma.



APPENDICES.

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A.—VACCINATION

STATEMENT NO. I.—*Showing particulars of Vaccination in the*

| No. | Circles and districts. | Popula- tion of district according to census of 1901. | Average popula- tion per square mile. | Average number of vacci- nators employ- ed through- out the year. | Total number of persons vaccinated. | | | Average number of per- sons vacci- nated by each vacci- nator. | PRIMARY VACCINATION, | | | | |
|----------------------|----------------------------------|--|---|---|--|---------|---------|--|----------------------|-----------------------|-----------------------------------|-----------------------|---------------|
| | | | | | | | | | Total. | Successful. | | | Un- known. |
| | | | | | | | | | | Under one year. | One and under six years. | Total of all ages. | |
| 1 | 2 | 3 | 4 | 5 | 6 | | | 7 | 8 | 9 | 10 | 11 | 12 |
| ARAKAN DIVISION. | | | | | | | | | | | | | |
| 1 | Akyab | 481,666 | 94 | 6 | 4,953 | 4,084 | 9,037 | 1,506 | 8,772 | 1,361 | 4,014 | 6,567 | 15 |
| 2 | Hill Tracts, Northern Arakan. | 20,682 | 4 | 1 | 910 | 371 | 1,281 | 1,281 | 1,231 | 8 | 239 | 1,223 | ... |
| 3 | Kyaukpyu | 168,827 | 33 | 6 | 4,268 | 3,964 | 8,232 | 1,372 | 7,953 | 1,709 | 3,893 | 6,963 | ... |
| 4 | Sandoway | 90,927 | 24 | 3 | 1,272 | 880 | 2,152 | 717 | 2,152 | 245 | 823 | 1,735 | 83 |
| | Total | 762,102 | 41 | 16 | 11,403 | 9,299 | 20,702 | 1,294 | 20,153 | 3,323 | 8,969 | 16,493 | 98 |
| PEGU DIVISION. | | | | | | | | | | | | | |
| 5 | Hanthawaddy... .. | 484,811 | 160 | 6 | 2,404 | 2,448 | 4,852 | 809 | 4,458 | 337 | 1,833 | 2,714 | 233 |
| 6 | Rangoon | 234,881 | 12,362 | 5 | 10,416 | 2,933 | 13,349 | 2,670 | 4,879 | 2,029 | 636 | 2,680 | 2,046 |
| 7 | Pegu | 339,572 | 79 | 8 | 5,750 | 5,773 | 11,523 | 1,440 | 11,367 | 1,850 | 6,289 | 10,023 | 396 |
| 8 | Tharrawaddy | 355,570 | 139 | 8 | 7,130 | 7,411 | 14,541 | 1,818 | 14,454 | 2,336 | 8,037 | 11,401 | 303 |
| 9 | Prome | 365,804 | 125 | 11 | 9,962 | 9,337 | 19,299 | 1,754 | 18,693 | 3,446 | 10,423 | 17,264 | 278 |
| | Total | 1,820,638 | 139 | 38 | 37,662 | 27,902 | 63,564 | 1,673 | 53,851 | 10,058 | 27,223 | 44,082 | 3,261 |
| IRRAWADDY DIVISION. | | | | | | | | | | | | | |
| 10 | Thongwa | 434,410 | 139 | 8 | 3,503 | 3,226 | 6,729 | 841 | 6,624 | 1,663 | 3,556 | 6,062 | 78 |
| 11 | Bassein | 391,427 | 95 | 9 | 9,632 | 8,443 | 18,105 | 2,012 | 17,256 | 2,854 | 1,519 | 16,157 | 300 |
| 12 | Henzada | 434,558 | 169 | 15 | 21,305 | 21,317 | 42,622 | 2,842 | 42,278 | 6,311 | 23,431 | 39,564 | 530 |
| 13 | Myaungmya | 33,274 | 102 | 6 | 7,393 | 6,577 | 13,970 | 2,328 | 13,087 | 3,882 | 5,850 | 12,219 | 263 |
| | Total | 1,663,669 | 124 | 38 | 41,863 | 39,563 | 81,426 | 2,143 | 79,245 | 14,710 | 43,356 | 74,002 | 1,176 |
| TENASSERIM DIVISION. | | | | | | | | | | | | | |
| 14 | Amherst | 300,173 | 43 | 8 | 9,236 | 6,883 | 16,169 | 2,021 | 15,533 | 3,035 | 5,757 | 14,253 | 49 |
| 15 | Tavoy | 109,979 | 21 | 5 | 8,557 | 7,727 | 16,284 | 3,257 | 13,186 | 2,261 | 6,082 | 12,630 | ... |
| 16 | Mergui | 88,744 | 9 | 4 | 2,749 | 2,657 | 5,406 | 1,352 | 5,366 | 733 | 1,724 | 4,383 | 137 |
| 17 | Toungoo | 279,315 | 45 | 7 | 5,081 | 4,233 | 9,334 | 1,333 | 8,789 | 5,604 | 2,239 | 8,454 | 8 |
| 18 | Thaton | 343,510 | 63 | 6 | 2,450 | 2,333 | 4,833 | 806 | 4,833 | 921 | 1,753 | 3,129 | ... |
| 19 | Salween | 37,837 | 14 | 1 | 580 | 440 | 1,020 | 1,020 | 1,020 | 9 | 206 | 583 | ... |
| | Total | 1,159,558 | 32 | 31 | 23,703 | 21,343 | 53,046 | 1,711 | 48,727 | 12,563 | 17,811 | 43,432 | 194 |
| MANDALAY DIVISION. | | | | | | | | | | | | | |
| 20 | Mandalay | 366,507 | 173 | 8 | 6,822 | 6,868 | 13,690 | 1,711 | 12,303 | 5,540 | 3,562 | 9,760 | 678 |
| 21 | Bhamo | 79,515 | 19 | 3 | 1,636 | 1,317 | 3,003 | 1,001 | 2,682 | 1,183 | 905 | 2,135 | 182 |
| 22 | Katha | 176,223 | 25 | 2 | 1,516 | 1,333 | 2,699 | 1,350 | 2,692 | 249 | 1,407 | 2,314 | 62 |
| 23 | Ruby Mines | 87,694 | 16 | 2 | 1,431 | 1,242 | 2,723 | 1,362 | 2,597 | 1,096 | 876 | 2,391 | ... |
| 24 | Myitkyia | 67,399 | 6 | 1 | 541 | 454 | 995 | 995 | 965 | 90 | 339 | 747 | ... |
| | Total | 777,333 | 26 | 16 | 11,846 | 11,264 | 23,110 | 1,444 | 21,239 | 8,158 | 7,139 | 17,347 | 922 |
| SAGAING DIVISION. | | | | | | | | | | | | | |
| 25 | Shwebo | 236,891 | 51 | 8 | 7,573 | 7,795 | 15,368 | 1,921 | 15,341 | 3,053 | 7,102 | 11,787 | 431 |
| 26 | Sagaing | 232,658 | 152 | 4 | 4,961 | 5,063 | 10,024 | 2,506 | 9,959 | 3,903 | 4,272 | 8,008 | 32 |
| 27 | Lower Chindwin | 276,383 | 79 | 6 | 6,120 | 6,718 | 12,838 | 2,140 | 12,717 | 1,895 | 6,223 | 9,326 | 105 |
| 28 | Upper Chindwin | 154,551 | 18 | 6 | 5,763 | 6,035 | 11,803 | 1,967 | 11,803 | 1,488 | 6,152 | 10,410 | 23 |
| | Total | 1,000,483 | 33 | 24 | 24,422 | 25,611 | 50,033 | 2,085 | 49,820 | 10,239 | 23,679 | 33,531 | 596 |
| MINBU DIVISION. | | | | | | | | | | | | | |
| 29 | Thayetmyo | 239,706 | 50 | 7 | 9,227 | 8,383 | 17,610 | 2,516 | 15,833 | 1,892 | 8,235 | 14,064 | 1,151 |
| 30 | Pakokku | 356,439 | 57 | 6 | 4,614 | 4,194 | 8,808 | 1,463 | 8,402 | 1,744 | 5,267 | 7,506 | 241 |
| 31 | Minbu | 233,377 | 71 | 6 | 4,495 | 4,395 | 8,890 | 1,432 | 8,439 | 1,239 | 2,955 | 5,303 | 238 |
| 32 | Magwe | 246,708 | 85 | 6 | 5,447 | 5,449 | 10,896 | 1,816 | 10,851 | 2,664 | 6,863 | 10,134 | ... |
| | Total | 1,076,280 | 63 | 25 | 23,783 | 22,421 | 46,204 | 1,843 | 43,575 | 7,539 | 23,375 | 37,007 | 1,630 |
| MEIKTILA DIVISION. | | | | | | | | | | | | | |
| 33 | Meiktila | 252,305 | 116 | 5 | 5,216 | 5,423 | 10,644 | 2,129 | 10,636 | 865 | 7,308 | 9,127 | 81 |
| 34 | Yanethin | 243,197 | 57 | 7 | 6,104 | 6,068 | 12,172 | 1,739 | 11,354 | 3,986 | 4,580 | 10,417 | 250 |
| 35 | Kyaukse | 141,253 | 111 | 3 | 2,853 | 3,069 | 5,922 | 1,974 | 5,874 | 2,399 | 1,912 | 4,333 | 263 |
| 36 | Myingyan | 356,052 | 114 | 7 | 7,334 | 7,455 | 14,839 | 2,121 | 14,347 | 2,452 | 6,114 | 10,443 | 56 |
| | Total | 992,807 | 91 | 22 | 21,557 | 22,020 | 43,577 | 1,981 | 42,211 | 9,702 | 19,914 | 34,238 | 650 |
| SHAN STATES. | | | | | | | | | | | | | |
| 37 | Northern Shan States | 321,090 | 22 | 8 | 4,362 | 4,356 | 8,718 | 1,090 | 8,718 | 264 | 4,336 | 7,233 | 150 |
| 38 | Southern Shan States | 816,354 | 19 | 5 | 3,674 | 3,688 | 7,362 | 1,472 | 7,362 | 1,698 | 3,034 | 6,083 | 78 |
| | Total | 1,137,444 | 20 | 13 | 8,036 | 8,044 | 16,080 | 1,237 | 16,080 | 1,962 | 7,370 | 13,316 | 228 |
| CHIN HILLS. | | | | | | | | | | | | | |
| 39 | Chin Hills | 87,139 | 11 | 1 | 586 | 306 | 892 | 892 | 892 | 7 | 93 | 537 | 41 |
| | GRAND TOTAL | 10,477,508 | 45 | 224 | 207,861 | 190,773 | 398,634 | 1,780 | 375,798 | 78,266 | 178,929 | 320,035 | 8,796 |

NOTE.—Area and population of the Pakokku

D EPARTMENT.

Province of Burma during the year 1903-04 (paras. 1, to 5 and 7).

| RE-VACCINATION. | | | PERCENTAGE OF SUCCESSFUL CASES IN WHICH THE RESULTS WERE KNOWN. | | Persons successfully vaccinated per 1,000 of population. | PERCENTAGE OF UNKNOWN CASES TO TOTAL CASES. | | AVERAGE ANNUAL NUMBER OF PERSONS SUCCESSFULLY VACCINATED DURING PREVIOUS FIVE YEARS. | | AVERAGE ANNUAL NUMBER OF DEATHS FROM SMALL-POX DURING PREVIOUS FIVE YEARS. | |
|-----------------|-------------|----------|---|-----------------|--|---|-----------------|--|------------------|--|------------------|
| Total. | Successful. | Unknown. | Primary. | Re-vaccination. | | Primary. | Re-vaccination. | No. | Ratio per 1,000. | No. | Ratio per 1,000. |
| 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
| 265 | 122 | ... | 74.99 | 46.04 | 13.89 | .17 | ... | 7,827 | 17.69 | 10 | .02 |
| ... | ... | ... | 95.86 | ... | 59.38 | ... | ... | 1,084 | 63.59 | ... | ... |
| 279 | 252 | ... | 87.55 | 90.32 | 42.74 | ... | ... | 8,942 | 53.92 | 92 | .56 |
| ... | ... | ... | 83.86 | ... | 19.08 | 3.86 | ... | 8,734 | 104.69 | 20 | .24 |
| 544 | 374 | ... | 82.22 | 63.75 | 22.13 | .49 | ... | 26,587 | 37.51 | 122 | .18 |
| 334 | 116 | 24 | 64.31 | 31.35 | 5.84 | 5.34 | 6.09 | 10,788 | 24.80 | 357 | .83 |
| 8,470 | 2,812 | 4,507 | 94.60 | 70.96 | 23.38 | 41.93 | 53.21 | 5,448 | 27.35 | 289 | 1.43 |
| 156 | 144 | 8 | 91.30 | 98.63 | 29.94 | 3.43 | 5.13 | 11,007 | 39.48 | 343 | 1.23 |
| 87 | 27 | 41 | 80.57 | 58.70 | 23.89 | 2.09 | 47.13 | 14,933 | 41.28 | 475 | 1.31 |
| 6.6 | 226 | ... | 93.75 | 37.29 | 47.81 | 1.49 | ... | 23,549 | 61.06 | 92 | .25 |
| 9,713 | 3,325 | 4,580 | 87.14 | 64.78 | 26.04 | 6.06 | 47.15 | 65,725 | 40.02 | 1,556 | .95 |
| 105 | 74 | ... | 92.60 | 70.43 | 12.67 | 1.18 | ... | 14,735 | 37.41 | 432 | 1.10 |
| 849 | 163 | 23 | 95.29 | 19.73 | 41.69 | 1.74 | 2.71 | 15,810 | 45.52 | 106 | .43 |
| 344 | 208 | ... | 94.77 | 60.47 | 82.08 | 1.25 | ... | 37,713 | 82.62 | 171 | .37 |
| 883 | 423 | 77 | 95.32 | 52.43 | 41.69 | 2.05 | 8.72 | 8,124 | 32.76 | 240 | .97 |
| 2,181 | 863 | 100 | 94.79 | 41.71 | 45.00 | 1.43 | 4.59 | 76,332 | 52.81 | 1,009 | .70 |
| 636 | 219 | 17 | 92.05 | 35.33 | 48.21 | .32 | 2.67 | 17,211 | 66.15 | 174 | .69 |
| 3,098 | 1,124 | ... | 95.78 | 36.28 | 125.06 | ... | ... | 16,129 | 149.87 | 182 | 1.80 |
| 40 | 5 | ... | 83.82 | 12.50 | 49.45 | 2.55 | ... | 4,739 | 59.43 | 119 | 1.63 |
| 545 | 279 | ... | 96.28 | 51.19 | 31.27 | .09 | ... | 10,639 | 44.76 | 115 | .53 |
| ... | ... | ... | 64.74 | ... | 9.11 | ... | ... | 12,723 | 42.84 | 228 | .79 |
| ... | ... | ... | 57.16 | ... | 15.41 | ... | ... | 795 | 23.40 | ... | ... |
| 4,319 | 1,627 | 17 | 89.49 | 37.82 | 33.86 | .40 | .39 | 61,286 | 60.64 | 818 | .81 |
| 1,337 | 672 | 41 | 83.96 | 49.93 | 23.46 | 5.51 | 2.96 | 15,993 | 43.06 | 47 | .13 |
| 321 | 171 | 18 | 85.40 | 56.43 | 29.00 | 6.79 | 5.61 | 2,760 | 48.45 | ... | ... |
| 7 | 1 | 2 | 87.98 | 20.00 | 13.14 | 2.30 | 23.57 | 1,986 | 12.87 | ... | ... |
| 126 | 60 | ... | 92.07 | 47.62 | 27.95 | ... | ... | 3,413 | 61.85 | ... | ... |
| 30 | 25 | ... | 77.41 | 83.33 | 11.45 | ... | ... | 863 | 14.99 | ... | ... |
| 1,871 | 929 | 61 | 85.33 | 51.33 | 23.51 | 4.34 | 3.26 | 25,015 | 35.96 | 47 | ... |
| 27 | 12 | ... | 79.05 | 44.44 | 41.13 | 2.81 | ... | 16,488 | 65.11 | 14 | .06 |
| 65 | 19 | ... | 80.67 | 29.23 | 28.40 | .32 | ... | 8,754 | 33.55 | 45 | .17 |
| 121 | 61 | ... | 73.95 | 50.41 | 33.96 | .83 | ... | 8,552 | 34.13 | 141 | .69 |
| ... | ... | ... | 83.41 | ... | 67.36 | .24 | ... | 6,949 | 54.00 | ... | ... |
| 213 | 92 | ... | 80.31 | 43.19 | 39.60 | 1.20 | ... | 40,743 | 45.60 | 200 | ... |
| 1,777 | 1,397 | 5 | 95.79 | 73.84 | 64.50 | 7.27 | .23 | 20,294 | 82.50 | 81 | .36 |
| 406 | 96 | 100 | 91.97 | 31.37 | 21.32 | 2.87 | 24.63 | 5,851 | 17.72 | 352 | 1.34 |
| 411 | 193 | 65 | 64.27 | 57.44 | 23.53 | 2.80 | 16.21 | 7,171 | 32.27 | 228 | 1.24 |
| 45 | 20 | ... | 93.39 | 44.44 | 41.16 | ... | ... | 8,040 | 34.93 | 244 | 1.05 |
| 2,629 | 1,706 | 170 | 83.23 | 69.33 | 35.97 | 3.74 | 6.47 | 41,356 | 40.21 | 915 | ... |
| 8 | 3 | 1 | 86.47 | 42.86 | 36.19 | .76 | 12.50 | 4,773 | 20.64 | 33 | .19 |
| 818 | 449 | 212 | 93.72 | 74.09 | 44.64 | 2.20 | 25.92 | 8,549 | 38.64 | 93 | .43 |
| 43 | 21 | 1 | 76.83 | 44.63 | 30.67 | 4.43 | 2.08 | 6,229 | 47.02 | 2 | .01 |
| 492 | 333 | ... | 73.07 | 67.63 | 30.27 | .39 | ... | 10,397 | 29.41 | 202 | .55 |
| 1,366 | 806 | 214 | 82.50 | 69.97 | 35.35 | 1.54 | 15.67 | 29,948 | 31.91 | 330 | ... |
| ... | ... | ... | 84.42 | ... | 22.53 | 1.73 | ... | ... | ... | ... | ... |
| ... | ... | ... | 83.51 | ... | 7.45 | 1.06 | ... | ... | ... | ... | ... |
| ... | ... | ... | 84.00 | ... | 11.71 | 1.42 | ... | 7,792 | 11.43 | ... | ... |
| ... | ... | ... | 63.10 | ... | 6.16 | 4.60 | ... | ... | ... | ... | ... |
| 22,836 | 9,727 | 5,142 | 87.20 | 54.97 | 31.47 | 2.34 | 22.52 | 374,834 | 41.29 | ... | ... |

Chin Hills have been excluded.

A.—VACCINATION

STATEMENT NO. II.—*Showing the cost of the Department in the*

| No. | Circle and districts. | EXPENDITURE. | | | | | | | | | | |
|-----|------------------------------------|------------------------------------|-----------|----------------------------------|-------------|--------------|-------------|---------|-----------|------------|------------|-------------------------------------|
| | | European super- vising officer. | Pay. | Native super- vising officer. | Pay. | Vaccinators. | Pay. | Clerks. | Pay. | Peons, &c. | Pay. | Total pay of establish- ment. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| | ARAKAN DIVISION. | | Rs. A. P. | | Rs. A. P. | | Rs. A. P. | | Rs. A. P. | | Rs. A. P. | Rs. A. P. |
| 1 | Akyab ... .. | ... | ..... | 2 | 900 0 0 | 6 | 1 887 13 9 | ... | ..... | ... | ..... | 2,787 13 9 |
| 2 | Hill Tracts Northern Arakan ... .. | ... | ..... | ... | ..... | 1 | 360 0 0 | ... | ..... | ... | ..... | 360 0 0 |
| 3 | Kyaukpyu ... .. | ... | ..... | ... | ..... | 6 | 1,380 0 0 | ... | ..... | ... | ..... | 1,380 0 0 |
| 4 | Sandoway ... .. | ... | ..... | ... | ..... | 3 | 855 0 0 | ... | ..... | ... | ..... | 855 0 0 |
| | Total ... .. | ... | ..... | 2 | 900 0 0 | 16 | 4,482 13 9 | ... | ..... | ... | ..... | 5,882 13 9 |
| | PEGU DIVISION. | | | | | | | | | | | |
| 5 | Rangoon ... .. | ... | ..... | ... | ..... | 6 | 1,670 9 1 | ... | ..... | 3 | 429 10 10 | 2,100 3 11 |
| 6 | Hanthawaddy ... .. | ... | ..... | 1 | 600 0 0 | 5 | 1,513 14 5 | ... | ..... | ... | ..... | 2,113 14 5 |
| 7 | Pegu ... .. | ... | ..... | ... | ..... | 8 | 2,100 3 4 | ... | ..... | ... | ..... | 2,100 3 4 |
| 8 | Tharrawaddy ... .. | ... | ..... | 1 | 539 10 10 | 8 | 1,660 5 2 | ... | ..... | ... | ..... | 2,200 0 0 |
| 9 | Prome ... .. | ... | ..... | ... | ..... | 11 | 2,816 13 8 | ... | ..... | ... | ..... | 2,816 13 8 |
| | Total ... .. | ... | ..... | 2 | 1,139 10 10 | 38 | 9,761 13 8 | ... | ..... | 3 | 429 10 10 | 11,331 3 4 |
| | IRRAWADDY DIVISION. | | | | | | | | | | | |
| 10 | Thongwa ... .. | ... | ..... | ... | ..... | 8 | 1,952 13 3 | ... | ..... | ... | ..... | 1,952 13 3 |
| 11 | Bassein ... .. | ... | ..... | 2 | 692 15 11 | 9 | 2,318 3 0 | ... | ..... | ... | ..... | 3,011 2 11 |
| 12 | Henzada ... .. | ... | ..... | ... | ..... | 15 | 4,050 14 11 | ... | ..... | ... | ..... | 4,050 14 11 |
| 13 | Myaungmya ... .. | ... | ..... | ... | ..... | 6 | 1,496 9 9 | ... | ..... | ... | ..... | 1,496 9 9 |
| | Total ... .. | ... | ..... | 2 | 692 15 11 | 33 | 9,818 8 11 | ... | ..... | ... | ..... | 10,511 8 10 |
| | TENASSERIM DIVISION. | | | | | | | | | | | |
| 14 | Amherst ... .. | ... | ..... | 2 | 1,194 0 0 | 8 | 1,954 3 4 | 1 | 120 0 0 | ... | ..... | 3,268 3 4 |
| 15 | Tavoy ... .. | ... | ..... | ... | ..... | 5 | 1,437 12 0 | ... | ..... | ... | ..... | 1,437 12 0 |
| 16 | Mergui ... .. | ... | ..... | ... | ..... | 4 | 9 4 1 8 | ... | ..... | ... | ..... | 904 1 8 |
| 17 | Thaton ... .. | ... | ..... | 1 | 480 0 0 | 6 | 1,633 9 3 | ... | ..... | ... | ..... | 2,113 9 3 |
| 18 | Toungoo ... .. | ... | ..... | 1 | 480 0 0 | 7 | 1,578 0 0 | ... | ..... | ... | ..... | 2,058 0 0 |
| 19 | Salween ... .. | ... | ..... | ... | ..... | 1 | 300 0 0 | ... | ..... | ... | ..... | 300 0 0 |
| | Total ... .. | ... | ..... | 4 | 2,154 0 0 | 31 | 7,867 10 3 | 1 | 120 0 0 | ... | ..... | 10,141 10 3 |
| | MANDALAY DIVISION. | | | | | | | | | | | |
| 20 | Mandalay ... .. | ... | ..... | 1 | 596 0 0 | 8 | 2,309 14 3 | ... | ..... | ... | ..... | 2,905 14 3 |
| 21 | Bhamo ... .. | ... | ..... | ... | ..... | 3 | 702 8 11 | ... | ..... | ... | ..... | 702 8 11 |
| 22 | Katha ... .. | ... | ..... | ... | ..... | 2 | 366 14 5 | ... | ..... | ... | ..... | 366 14 5 |
| 23 | Ruby Mines ... .. | ... | ..... | ... | ..... | 2 | 1,030 0 0 | ... | ..... | ... | ..... | 1,030 0 0 |
| 24 | Myitkyina ... .. | ... | ..... | ... | ..... | 1 | 360 0 0 | ... | ..... | ... | ..... | 360 0 0 |
| | Total ... .. | ... | ..... | 1 | 596 0 0 | 16 | 4,769 5 7 | ... | ..... | ... | ..... | 5,365 5 7 |
| | SAGAING DIVISION. | | | | | | | | | | | |
| 25 | Shwebo ... .. | ... | ..... | ... | ..... | 8 | 1,610 5 9 | ... | ..... | ... | ..... | 1,610 5 9 |
| 26 | Sagaing ... .. | ... | ..... | ... | ..... | 4 | 885 0 0 | ... | ..... | ... | ..... | 885 0 0 |
| 27 | Lower Chindwin ... .. | ... | ..... | ... | ..... | 6 | 1,380 7 3 | ... | ..... | ... | ..... | 1,380 7 3 |
| 28 | Upper Chindwin ... .. | ... | ..... | ... | ..... | 6 | 1,184 15 0 | ... | ..... | ... | ..... | 1,184 15 0 |
| | Total ... .. | ... | ..... | ... | ..... | 24 | 5,060 12 0 | ... | ..... | ... | ..... | 5,060 12 0 |
| | MINBU DIVISION. | | | | | | | | | | | |
| 29 | Thayetmyo ... .. | ... | ..... | ... | ..... | 7 | 2,063 9 10 | ... | ..... | ... | ..... | 2,063 9 10 |
| 30 | Pakokku ... .. | ... | ..... | ... | ..... | 6 | 980 14 8 | ... | ..... | ... | ..... | 980 14 8 |
| 31 | Minbu ... .. | ... | ..... | ... | ..... | 6 | 1,540 2 4 | ... | ..... | ... | ..... | 1,540 2 4 |
| 32 | Magwe ... .. | ... | ..... | 1 | 90 0 0 | 6 | 1,261 0 0 | ... | ..... | ... | ..... | 1,351 0 0 |
| | Total ... .. | ... | ..... | 1 | 90 0 0 | 25 | 5,850 10 10 | ... | ..... | ... | ..... | 5,940 10 10 |
| | MEIKTILA DIVISION. | | | | | | | | | | | |
| 33 | Meiktila Vaccine Depot | 1 | 40 6 11 | 1 | 525 0 0 | ... | ... | 1 | 715 2 9 | 8 | 923 2 9 | 2,203 12 5 |
| 34 | Meiktila ... .. | ... | ..... | ... | ..... | 5 | 1,146 2 8 | ... | ..... | ... | ..... | 1,146 2 8 |
| 35 | Yamethin ... .. | ... | ..... | 1 | 60 0 0 | 7 | 1,707 0 0 | ... | ..... | ... | ..... | 1,767 0 0 |
| 36 | Kyaukse ... .. | ... | ..... | ... | ..... | 3 | 765 7 5 | ... | ..... | ... | ..... | 765 7 5 |
| 37 | Myingyan ... .. | ... | ..... | ... | ..... | 7 | 1,305 10 10 | ... | ..... | ... | ..... | 1,305 10 10 |
| | Total | 1 | 40 6 11 | 2 | 585 0 0 | 22 | 4,924 4 11 | 1 | 715 2 9 | 8 | 923 2 9 | 7,188 1 4 |
| | SHAN STATES. | | | | | | | | | | | |
| 38 | Northern Shan States ... .. | ... | ..... | 1 | 330 0 0 | 8 | 1,309 8 0 | ... | ..... | ... | ..... | 1,689 8 0 |
| 39 | Southern Shan States ... .. | ... | ..... | ... | ..... | 5 | 1,053 11 4 | ... | ..... | ... | ..... | 1,053 11 4 |
| | Total ... .. | ... | ..... | 1 | 330 0 0 | 13 | 2,363 3 4 | ... | ..... | ... | ..... | 2,743 3 4 |
| | CHIN HILLS. | | | | | | | | | | | |
| 40 | Chin Hills ... .. | ... | ..... | ... | ..... | 1 | 300 0 0 | ... | ..... | ... | ..... | 300 0 0 |
| | Total ... .. | ... | ..... | ... | ..... | 1 | 300 0 0 | ... | ..... | ... | ..... | 300 0 0 |
| | GRAND TOTAL for the Province. | 1 | 40 6 11 | 15 | 6,587 10 9 | 224 | 55,199 3 3 | 2 | 835 2 9 | 11 | 1,352 13 7 | 63,965 5 3 |

DEPARTMENT.

Province of Burma during the year 1903-04 (paras. 9 & 10).

| Travelling allowance | Contingen- cies. | Total. | PAID FROM | | | | | Total. | Number of all success- ful vaccinations and re-vaccinations. | Average cost of each successful case. |
|----------------------|---------------------|-------------|--------------------|----------------------|--------------|----------------------|-------------------|-------------|--|--|
| | | | Imperial funds. | Provincial funds. | Local funds. | Municipa- lities. | Native States. | | | |
| 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
| Rs. A. P. | Rs. A. P. | Rs. A. P. | Rs. A. P. | Rs. A. P. | Rs. A. P. | Rs. A. P. | Rs. A. P. | Rs. A. P. | | Rs. A. P. |
| 524 12 6 | 136 5 3 | 3,448 15 6 | ..... | 437 8 3 | 2,613 3 3 | 398 4 0 | ..... | 3,448 15 6 | 6,689 | 0 8 3 |
| 67 11 0 | ..... | 427 11 0 | ..... | 427 11 0 | ..... | ..... | ..... | 427 11 0 | 1,223 | 0 5 7 |
| 503 6 0 | ..... | 1,883 6 0 | ..... | ..... | 1,883 6 0 | ..... | ..... | 1,883 6 0 | 7,215 | 0 4 2 |
| 272 6 5 | ..... | 1,127 6 5 | ..... | ..... | 1,027 6 5 | 100 0 0 | ..... | 1,127 6 5 | 1,735 | 0 10 5 |
| 1,363 3 11 | 136 5 3 | 6,887 6 11 | ..... | 865 3 3 | 5,523 15 8 | 498 4 0 | ..... | 6,887 6 11 | 16,867 | 0 6 6 |
| 86 11 0 | 1,620 1 10 | 3,807 0 9 | ..... | 327 15 5 | ..... | 3,479 1 4 | ..... | 3,807 0 9 | 5,492 | 0 11 1 |
| 999 10 3 | ..... | 3,113 8 8 | ..... | ..... | 3,113 8 8 | ..... | ..... | 3,113 8 8 | 2,830 | 1 1 7 |
| 735 1 0 | 0 4 0 | 2,835 8 4 | ..... | ..... | 2,813 8 4 | 517 0 0 | ..... | 2,835 8 4 | 10,167 | 0 4 6 |
| 959 8 6 | ..... | 3,159 8 6 | ..... | ..... | 2,336 8 6 | 823 0 0 | ..... | 3,159 8 6 | 11,428 | 0 4 5 |
| 812 15 6 | 76 9 0 | 3,706 6 2 | ..... | ..... | 3,031 2 6 | 675 3 8 | ..... | 3,706 6 2 | 17,490 | 0 3 5 |
| 3,593 14 3 | 1,696 14 10 | 16,622 0 5 | ..... | 327 15 5 | 10,799 12 0 | 5,494 5 0 | ..... | 16,622 0 5 | 47,407 | 0 5 7 |
| 601 13 0 | ..... | 2,554 10 3 | ..... | ..... | 2,329 7 7 | 225 2 8 | ..... | 2,554 10 3 | 6,136 | 0 6 8 |
| 998 11 9 | 19 3 7 | 4,029 2 3 | ..... | ..... | 3,211 4 8 | 817 13 7 | ..... | 4,029 2 3 | 16,320 | 0 3 11 |
| 1,137 15 0 | ..... | 5,188 13 11 | ..... | ..... | 3,712 13 11 | 1,476 0 0 | ..... | 5,188 13 11 | 39,772 | 0 2 1 |
| 365 1 0 | ..... | 1,861 10 9 | ..... | ..... | 1,861 10 9 | ..... | ..... | 1,861 10 9 | 12,642 | 0 2 4 |
| 3,103 8 9 | 19 3 7 | 13,634 5 2 | ..... | ..... | 11,115 4 11 | 2,519 0 3 | ..... | 13,634 5 2 | 74,870 | 0 2 11 |
| 1,064 12 0 | 206 13 4 | 4,539 12 8 | ..... | ..... | 3,337 3 10 | 1,202 8 10 | ..... | 4,539 12 8 | 14,472 | 0 5 0 |
| 409 14 0 | ..... | 1,847 10 0 | ..... | ..... | 1,367 14 0 | 479 12 0 | ..... | 1,847 10 0 | 13,764 | 0 2 2 |
| 292 7 0 | ..... | 1,196 8 8 | ..... | ..... | 956 8 8 | 240 0 0 | ..... | 1,196 8 8 | 4,388 | 0 4 4 |
| 633 6 0 | ..... | 2,806 15 3 | ..... | ..... | 2,462 1 5 | 344 13 10 | ..... | 2,806 15 3 | 3,129 | 0 14 4 |
| 1,044 2 6 | 1 0 0 | 3,103 2 6 | ..... | ..... | 2,603 2 6 | 500 0 0 | ..... | 3,103 2 6 | 8,733 | 0 5 8 |
| 88 8 0 | 0 8 3 | 389 0 3 | ..... | ..... | 339 0 3 | ..... | ..... | 389 0 3 | 583 | 0 10 8 |
| 3,533 1 6 | 208 5 7 | 13,883 1 4 | ..... | ..... | 11,115 14 8 | 2,767 2 8 | ..... | 13,883 1 4 | 45,059 | 0 4 11 |
| 306 15 0 | 175 1 4 | 3,387 14 7 | ..... | 1,367 10 4 | ..... | 2,020 4 3 | ..... | 3,387 14 7 | 10,433 | 0 5 2 |
| 107 10 0 | 35 13 6 | 846 0 5 | ..... | 572 2 5 | ..... | 273 14 0 | ..... | 846 0 5 | 2,306 | 0 5 10 |
| 210 2 3 | ..... | 577 0 8 | ..... | 577 0 8 | ..... | ..... | ..... | 577 0 8 | 2,315 | 0 4 0 |
| 279 13 6 | ..... | 1,309 13 6 | ..... | 803 10 9 | ..... | ..... | 506 2 9 | 1,309 13 6 | 2,451 | 0 8 7 |
| 115 4 6 | ..... | 475 4 6 | ..... | 475 4 6 | ..... | ..... | ..... | 475 4 6 | 772 | 0 9 10 |
| 1,019 13 3 | 210 14 10 | 6,596 1 8 | ..... | 3,795 12 8 | ..... | 2,294 2 3 | 506 2 9 | 6,596 1 8 | 18,276 | 0 5 9 |
| 392 1 2 | 3 6 0 | 2,005 12 11 | ..... | 1,801 12 11 | ..... | 204 0 0 | ..... | 2,005 12 11 | 11,799 | 0 2 9 |
| 501 2 0 | 4 0 0 | 1,390 2 0 | ..... | 1,290 2 0 | ..... | 100 0 0 | ..... | 1,390 2 0 | 8,027 | 0 2 9 |
| 234 0 0 | 4 3 0 | 1,618 10 3 | ..... | 1,348 10 3 | ..... | 270 0 0 | ..... | 1,618 10 3 | 9,387 | 0 2 9 |
| 419 3 4 | ..... | 1,604 2 4 | ..... | 1,604 2 4 | ..... | ..... | ..... | 1,604 2 4 | 10,410 | 0 2 6 |
| 1,546 6 6 | 11 9 0 | 6,618 11 6 | ..... | 6,044 11 6 | ..... | 574 0 0 | ..... | 6,618 11 6 | 39,623 | 0 2 8 |
| 595 3 0 | 2 15 10 | 2,666 12 8 | ..... | ..... | 2,077 2 10 | 589 9 10 | ..... | 2,666 12 8 | 15,461 | 0 2 9 |
| 379 2 0 | 154 8 9 | 1,514 9 5 | ..... | 1,211 1 5 | ..... | 303 8 0 | ..... | 1,514 9 5 | 7,602 | 0 3 2 |
| 376 4 6 | 1 9 0 | 1,917 15 10 | ..... | 1,342 3 4 | 575 12 6 | ..... | ..... | 1,917 15 10 | 5,496 | 0 5 7 |
| 413 8 0 | ..... | 1,764 8 0 | ..... | 1,464 8 0 | ..... | 300 0 0 | ..... | 1,764 8 0 | 10,154 | 0 2 9 |
| 1,764 1 6 | 159 1 7 | 7,863 13 11 | ..... | 4,017 12 9 | 2,652 15 4 | 1,193 1 10 | ..... | 7,863 13 11 | 38,713 | 0 3 3 |
| 30 0 0 | 6,242 2 8 | 8,475 15 1 | ..... | 8,475 15 1 | ..... | ..... | ..... | 8,475 15 1 | ..... | ..... |
| 793 2 0 | ..... | 1,939 4 8 | ..... | 1,939 4 8 | ..... | ..... | ..... | 1,939 4 8 | 9,130 | 0 3 5 |
| 557 2 0 | 2 1 3 | 2,326 3 3 | ..... | 1,726 3 3 | ..... | 600 0 0 | ..... | 2,326 3 3 | 10,856 | 0 3 5 |
| 301 10 6 | ..... | 1,067 1 11 | ..... | 1,067 1 11 | ..... | ..... | ..... | 1,067 1 11 | 4,332 | 0 3 11 |
| 495 5 0 | 8 8 0 | 1,809 7 10 | ..... | 1,593 7 10 | ..... | 216 0 0 | ..... | 1,809 7 10 | 10,776 | 0 2 8 |
| 2,177 3 6 | 6,252 11 11 | 15,618 0 9 | ..... | 14,802 0 9 | ..... | 816 0 0 | ..... | 15,618 0 9 | 35,094 | 0 7 1 |
| 2,923 8 0 | ..... | 4,613 0 0 | 1,742 6 0 | ..... | ..... | ..... | 2,870 10 0 | 4,613 0 0 | 7,233 | 0 10 2 |
| 549 5 0 | ..... | 1,603 0 4 | 1,603 0 4 | ..... | ..... | ..... | ..... | 1,603 0 4 | 6,083 | 0 4 2 |
| 3,472 13 0 | ..... | 6,216 0 4 | 3,345 6 4 | ..... | ..... | ..... | 2,870 10 0 | 6,216 0 4 | 13,316 | 0 7 6 |
| 91 8 0 | ..... | 391 8 0 | 391 8 0 | ..... | ..... | ..... | ..... | 391 8 0 | 537 | 0 11 8 |
| 91 8 0 | ..... | 391 8 0 | 391 8 0 | ..... | ..... | ..... | ..... | 391 8 0 | 537 | 0 11 8 |
| 21,670 10 2 | 8,695 2 7 | 94,331 2 0 | 3,736 14 4 | 29,853 8 4 | 41,207 14 7 | 16,156 0 0 | 3,376 12 9 | 94,331 2 0 | 3,29,762 | 0 4 7 |

B.—DISPENSARY

STATEMENT NO. III.—*Showing Dispensary Vaccination in the*

| No. | District. | Number of dispensaries in each district to which a vaccinator is attached. | Average number of vaccinators attached to dispensaries during the year. | Total number of persons vaccinated. | Average number of persons vaccinated by each vaccinator. | Total. |
|-----------------------------|-------------------------------------|--|---|-------------------------------------|--|--------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| ARAKAN DIVISION. | | | | | | |
| 1 | Akab ... .. | ..... | ..... | ..... | ..... | ..... |
| 2 | Hill Tracts, Northern Arakan ... .. | ..... | ..... | 7 | ..... | 7 |
| 3 | Kyaukpyu ... .. | ..... | ..... | 112 | ..... | 103 |
| 4 | Sandoway ... .. | ..... | ..... | 253 | ..... | 228 |
| | Total ... .. | ..... | ..... | 372 | ..... | 338 |
| PEGU DIVISION. | | | | | | |
| 5 | Hanthawaddy ... .. | ..... | ..... | 2,163 | ..... | 267 |
| 6 | Rangoon ... .. | ..... | ..... | ..... | ..... | ..... |
| 7 | Pegu ... .. | ..... | ..... | 655 | ..... | 652 |
| 8 | Tharrawaddy ... .. | ..... | ..... | 268 | ..... | 251 |
| 9 | Prome ... .. | ..... | ..... | 76 | ..... | 76 |
| | Total ... .. | ..... | ..... | 3,165 | ..... | 1,246 |
| IRRAWADDY DIVISION. | | | | | | |
| 10 | Thongwa ... .. | ..... | ..... | 1,111 | ..... | 121 |
| 11 | Bassein ... .. | ..... | ..... | 123 | ..... | 112 |
| 12 | Henzada ... .. | ..... | ..... | 1,340 | ..... | 962 |
| 13 | Myaungmya ... .. | ..... | ..... | 1,350 | ..... | 643 |
| | Total ... .. | ..... | ..... | 3,924 | ..... | 1,838 |
| TENASSERIM DIVISION. | | | | | | |
| 14 | Amherst ... .. | ..... | ..... | ..... | ..... | ..... |
| 15 | Tavoy ... .. | ..... | ..... | 732 | ..... | 675 |
| 16 | Mergui ... .. | ..... | ..... | 293 | ..... | 289 |
| 17 | Toungoo ... .. | ..... | ..... | 313 | ..... | 143 |
| 18 | Thaton ... .. | ..... | ..... | ..... | ..... | ..... |
| 19 | Salween ... .. | ..... | ..... | 49 | ..... | 49 |
| | Total ... .. | ..... | ..... | 1,387 | ..... | 1,161 |
| MANDALAY DIVISION. | | | | | | |
| 20 | Mandalay ... .. | ..... | ..... | 160 | ..... | 147 |
| 21 | Bhamo ... .. | ..... | ..... | 63 | ..... | 63 |
| 22 | Katha ... .. | ..... | ..... | 294 | ..... | 22 |
| 23 | Ruby Mines ... .. | ..... | ..... | 246 | ..... | 246 |
| 24 | Myitkyina ... .. | ..... | ..... | 298 | ..... | 297 |
| | Total ... .. | ..... | ..... | 1,061 | ..... | 775 |
| SAGAING DIVISION. | | | | | | |
| 25 | Shwebo ... .. | ..... | ..... | 231 | ..... | 218 |
| 26 | Sagaing ... .. | ..... | ..... | 487 | ..... | 485 |
| 27 | Lower Chindwin ... .. | ..... | ..... | 58 | ..... | 56 |
| 28 | Upper Chindwin ... .. | ..... | ..... | 443 | ..... | 427 |
| | Total ... .. | ..... | ..... | 1,219 | ..... | 1,186 |
| MINBU DIVISION. | | | | | | |
| 29 | Thayetmyo ... .. | ..... | ..... | 397 | ..... | 377 |
| 30 | Pakokku ... .. | ..... | ..... | ..... | ..... | ..... |
| 31 | Minbu ... .. | ..... | ..... | 84 | ..... | 75 |
| 32 | Magwe ... .. | ..... | ..... | 120 | ..... | 66 |
| | Total ... .. | ..... | ..... | 601 | ..... | 518 |
| MEIKTILA DIVISION. | | | | | | |
| 33 | Meiktila ... .. | ..... | ..... | 748 | ..... | 480 |
| 34 | Yamethin ... .. | ..... | ..... | 64 | ..... | 64 |
| 35 | Kyaukse ... .. | ..... | ..... | 51 | ..... | 51 |
| 36 | Myingyan ... .. | ..... | ..... | 64 | ..... | 59 |
| | Total ... .. | ..... | ..... | 927 | ..... | 654 |
| SHAN STATES. | | | | | | |
| 37 | Northern Shan States ... .. | ..... | ..... | 569 | ..... | 538 |
| 38 | Southern Shan States ... .. | ..... | ..... | 101 | ..... | 101 |
| | Total ... .. | ..... | ..... | 670 | ..... | 639 |
| CHIN HILLS. | | | | | | |
| 39 | Chin Hills ... .. | ..... | ..... | 604 | ..... | 569 |
| | Total ... .. | ..... | ..... | 604 | ..... | 569 |
| | GRAND TOTAL ... .. | ..... | ..... | 13,930 | ..... | 8,924 |

VACCINATION.

Province of Burma for the year 1903-04 (para. 8).

| PRIMARY VACCINATION. | | | | RE-VACCINATION. | | | PERCENTAGE OF SUCCESSFUL CASES IN WHICH THE RESULTS WERE KNOWN. | | PERCENTAGE OF UNKNOWN CASES TO TOTAL CASES. | |
|----------------------|--------------------------|--------------------|----------|-----------------|--------------|----------|---|-----------------|---|------------------|
| Successful. | | | Unknown. | Total. | Success-ful. | Unknown. | Primary. | Re-vaccination. | Primary. | Re-vaccina-tion. |
| Under one year. | One and under six years. | Total of all ages. | | | | | | | | |
| 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
| ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 2 | 3 | 5 | ... | ... | ... | ... | 71.43 | ... | ... | ... |
| 13 | 58 | 79 | ... | ... | ... | ... | 82.29 | 66.67 | 6.80 | ... |
| 3 | 24 | 223 | ... | 25 | 2 | ... | 97.81 | 8.00 | ... | ... |
| 18 | 85 | 307 | 7 | 34 | 8 | ... | 92.75 | 23.58 | 2.07 | ... |
| 14 | 129 | 213 | ... | 1,899 | 1,006 | ... | 79.78 | 52.98 | ... | ... |
| ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 73 | 214 | 368 | 279 | 3 | 2 | ... | 98.66 | 66.67 | 42.79 | ... |
| 89 | 115 | 216 | ... | 17 | 15 | ... | 86.86 | 88.24 | ... | ... |
| 40 | 35 | 75 | ... | ... | ... | ... | 98.68 | ... | ... | ... |
| 216 | 493 | 872 | 279 | 1,919 | 1,023 | ... | 90.17 | 53.31 | 22.39 | ... |
| 18 | 46 | 102 | ... | 990 | 582 | ... | 84.30 | 58.79 | ... | ... |
| 23 | 48 | 90 | 11 | 11 | 5 | 3 | 89.11 | 62.50 | 9.82 | 27.27 |
| 135 | 275 | 876 | ... | 378 | 187 | ... | 91.06 | 49.47 | ... | ... |
| 23 | 109 | 593 | 2 | 707 | 236 | ... | 98.29 | 33.38 | 31 | ... |
| 199 | 478 | 1,666 | 13 | 2,086 | 1,010 | 3 | 91.29 | 48.49 | 71 | 14 |
| ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 52 | 429 | 598 | ... | 57 | 29 | ... | 88.59 | 50.87 | ... | ... |
| 14 | 62 | 159 | 35 | 4 | ... | ... | 62.60 | ... | 12.11 | ... |
| 25 | 53 | 105 | 42 | 165 | 41 | ... | 99.06 | 24.85 | 28.88 | ... |
| ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| ... | 11 | 35 | ... | ... | ... | ... | 71.43 | ... | ... | ... |
| 91 | 555 | 897 | 77 | 226 | 70 | ... | 82.75 | 30.97 | 6.63 | ... |
| 89 | 66 | 110 | ... | 18 | 11 | ... | 74.83 | 84.62 | ... | ... |
| 28 | 23 | 61 | ... | ... | ... | ... | 96.83 | ... | ... | ... |
| ... | ... | 21 | ... | 272 | 61 | 23 | 95.45 | 24.50 | ... | 8.46 |
| 88 | 65 | 129 | 99 | ... | ... | ... | 87.76 | ... | 40.24 | ... |
| 105 | 92 | 238 | 4 | 1 | 1 | ... | 81.23 | 100.00 | 1.35 | ... |
| 210 | 246 | 559 | 103 | 286 | 73 | 23 | 83.18 | 27.75 | 13.29 | 8.04 |
| 28 | 84 | 125 | ... | 13 | 4 | ... | 57.34 | 30.77 | ... | ... |
| 176 | 202 | 378 | 8 | 2 | 2 | ... | 79.25 | 100.00 | 1.65 | ... |
| 1 | 11 | 13 | 2 | 2 | 1 | ... | 24.07 | 50.00 | 3.57 | ... |
| 42 | 209 | 269 | 28 | 16 | 11 | ... | 67.42 | 68.75 | 6.56 | ... |
| 247 | 506 | 785 | 38 | 33 | 13 | ... | 68.38 | 54.55 | 3.20 | ... |
| 96 | 188 | 337 | 2 | 20 | 17 | ... | 89.87 | 85.00 | 53 | ... |
| ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 3 | 4 | 8 | ... | 9 | ... | ... | 10.67 | ... | ... | ... |
| 3 | 9 | 59 | ... | 54 | 29 | ... | 89.39 | 53.70 | ... | ... |
| 102 | 201 | 404 | 2 | 83 | 46 | ... | 77.29 | 55.42 | 39 | ... |
| 156 | 227 | 427 | 32 | 268 | 129 | 92 | 95.31 | 73.30 | 6.67 | 34.33 |
| 34 | 24 | 58 | ... | ... | ... | ... | 90.63 | ... | ... | ... |
| 12 | 24 | 36 | ... | ... | ... | ... | 70.59 | ... | ... | ... |
| 28 | 15 | 43 | ... | 5 | 2 | ... | 72.88 | 40.00 | ... | ... |
| 200 | 290 | 564 | 32 | 273 | 181 | 92 | 90.68 | 72.38 | 4.89 | 38.70 |
| 82 | 210 | 373 | 11 | 31 | 18 | ... | 70.78 | 58.06 | 2.04 | ... |
| 27 | 35 | 62 | ... | ... | ... | ... | 61.39 | ... | ... | ... |
| 59 | 245 | 435 | 11 | 31 | 18 | ... | 69.27 | 58.06 | 1.72 | ... |
| 12 | 129 | 426 | 63 | 35 | 29 | 2 | 84.19 | 87.88 | 11.07 | 5.71 |
| 12 | 129 | 426 | 63 | 35 | 29 | 2 | 84.19 | 87.88 | 11.07 | 5.71 |
| 1,384 | 3,228 | 6,915 | 625 | 5,006 | 2,426 | 120 | 83.32 | 49.65 | 7.00 | 2.40 |

COMPARATIVE STATEMENT No. IV.—*Showing the number of persons primarily vaccinated
Burma in each of the under*

| Establishment. | PERSONS PRIMARILY | | | | | | | | | |
|----------------------|-------------------|--|------------------|--|------------------|--|------------------|--|------------------|--|
| | Total number. | Number success- fully vac- cinated. | Total number. | Number success- fully vac- cinated. | Total number. | Number success- fully vac- cinated. | Total number. | Number success- fully vac- cinated. | Total number. | Number success- fully vac- cinated. |
| | 1894-95. | | 1895-96. | | 1896-97. | | 1897-98. | | 1898-99. | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Government | 85,936 | 77,976 | 92,369 | 85,137 | 118,666 | 110,466 | 95,153 | 88,851 | 116,621 | 106,992 |
| Municipal | 64,647 | 57,908 | 81,340 | 74,204 | 83,282 | 78,036 | 82,934 | 78,827 | 81,987 | 78,636 |
| Local Funds | 113,991 | 102,437 | 155,537 | 142,638 | 188,718 | 172,580 | 222,231 | 210,880 | 238,334 | 228,367 |
| Native States | ... | ... | ... | ... | ... | ... | ... | ... | 2,108 | 1,941 |
| Dispensary | 6,690 | 6,127 | 6,056 | 5,546 | 5,466 | 4,964 | 5,151 | 4,891 | 8,209 | 7,278 |
| Army | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Europeans | 97 | 53 | 68 | 45 | 31 | 26 | 80 | 50 | 53 | 42 |
| Natives | 533 | 354 | 604 | 329 | 655 | 390 | 379 | 249 | 546 | 363 |
| Total | 271,894 | 244,855 | 335,974 | 307,899 | 396,818 | 366,482 | 405,923 | 383,748 | 447,858 | 423,519 |

STATEMENT No. V.—*Showing particulars of*

| Number. | District. | TOTAL NUMBER OF PERSONS VACCINATED. | | TOTAL NUMBER INSPECTED. | | | |
|-------------------------------------|-------------------------------------|--|-----------------|---|-----------------|--|-----------------|
| | | | | By Deputy Sanitary Commis- sioner or Civil Surgeons. | | By Native Superintendents or other Inspecting Officers. | |
| | | Primary. | Re-vaccination. | Primary. | Re-vaccination. | Primary. | Re-vaccination. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 1 | Akyab | 8,772 | 265 | 1,063 | 245 | 3,319 | 191 |
| 2 | Hill Tracts, Northern Arakan | 1,288 | ..... | ... | ..... | 9 | ..... |
| 3 | Kyaukpyn | 8,056 | 288 | 304 | 28 | 56 | 9 |
| 4 | Sandoway | 2,380 | 25 | 604 | ..... | 228 | 25 |
| 5 | Rangoon | 4,879 | 8,470 | 1,314 | 2,771 | ... | ..... |
| 6 | Hanthawaddy | 4,725 | 2,293 | 1,394 | 898 | 3,166 | 1,323 |
| 7 | Pegu | 12,019 | 159 | 2,781 | 5 | 840 | 37 |
| 8 | Tharrawaddy | 14,705 | 104 | 1,214 | ..... | 8,021 | 17 |
| 9 | Prome | 18,769 | 606 | 1,645 | 9 | 1,480 | 488 |
| 10 | Thongwa | 6,745 | 1,095 | 336 | 984 | 739 | 8 |
| 11 | Bassein | 17,368 | 860 | 4,378 | 731 | 8,887 | 812 |
| 12 | Henzada | 43,240 | 722 | 3,611 | 371 | 2,524 | 275 |
| 13 | Myaungmya | 13,730 | 1,590 | 3,910 | 802 | 452 | ..... |
| 14 | Amherst | 15,533 | 636 | 1,416 | 31 | 7,281 | 570 |
| 15 | Tavoy | 13,861 | 3,155 | 4,351 | 447 | 776 | 1,905 |
| 16 | Mergui | 5,655 | 44 | 3,561 | ..... | 370 | 4 |
| 17 | Thaton | 4,833 | ..... | 1,334 | ..... | 2,683 | ..... |
| 18 | Toungoo | 8,937 | 710 | 533 | 559 | 3,815 | 303 |
| 19 | Salween | 1,069 | ..... | 34 | ..... | 56 | ..... |
| 20 | Mandalay | 12,450 | 1,400 | 5,234 | 557 | 4,191 | 102 |
| 21 | Bhamo | 2,745 | 321 | 199 | 134 | 133 | 64 |
| 22 | Katha | 2,714 | 279 | 774 | 266 | 24 | 272 |
| 23 | Ruby Mines | 2,843 | 126 | 1,397 | 105 | 99 | 7 |
| 24 | Myitkyina | 1,262 | 31 | 567 | 1 | 126 | ..... |
| 25 | Shwebo | 15,559 | 40 | 3,600 | 27 | 7,599 | 13 |
| 26 | Sagaing | 10,444 | 67 | 2,205 | 2 | 373 | 2 |
| 27 | Lower Chindwin | 12,773 | 123 | 4,509 | 114 | 102 | 9 |
| 28 | Upper Chindwin | 12,230 | 16 | 745 | ..... | 399 | 16 |
| 29 | Thayetmyo | 16,210 | 1,797 | 1,063 | 684 | 1,692 | 88 |
| 30 | Pakokku | 8,402 | 406 | 3,843 | 361 | ... | ..... |
| 31 | Minbu | 8,564 | 410 | 1,170 | 181 | 417 | 55 |
| 32 | Magwe | 10,917 | 99 | 2,145 | 54 | 317 | ..... |
| 33 | Meiktila | 11,116 | 276 | 5,782 | 159 | 286 | 24 |
| 34 | Yamethin | 11,418 | 818 | 2,530 | 410 | 1,408 | ..... |
| 35 | Kyaukse | 5,925 | 48 | 1,961 | 3 | 255 | ... |
| 36 | Myingyan | 14,406 | 497 | 3,063 | 311 | 652 | 60 |
| 37 | Lashio | 9,256 | 31 | 2,041 | 6 | 3,521 | 25 |
| 38 | Taunggyi | 7,463 | ..... | 110 | ..... | 298 | ..... |
| 39 | Chin Hills | 1,461 | 35 | 12 | 1 | 532 | 32 |
| GRAND TOTAL FOR THE PROVINCE | | 384,722 | 27,842 | 76,738 | 11,257 | 67,126 | 6,736 |

and the number of those persons who were successfully vaccinated in the Province of mentioned official years (para. 11).

VACCINATED.

| Total number. | Number successfully vaccinated. | Total number. | Number successfully vaccinated. | Total number. | Number successfully vaccinated. | Total number. | Number successfully vaccinated. | Total number. | Number successfully vaccinated. |
|---------------|---------------------------------|---------------|---------------------------------|---------------|---------------------------------|---------------|---------------------------------|---------------|---------------------------------|
| 1899-1900. | | 1900-01. | | 1901-02. | | 1902-03. | | 1903-04. | |
| 7 | | 8 | | 9 | | 10 | | 11 | |
| 122,193 | 112,433 | 1 6,629 | 95,392 | 94,530 | 83,082 | 120,384 | 101,166 | 135,394 | 109,016 |
| 72,287 | 69,705 | 62,333 | 58,008 | 52,227 | 46,695 | 55 352 | 47,049 | 53,775 | 44,870 |
| 260,518 | 248,803 | 215,111 | 198,789 | 181,107 | 166,283 | 165,218 | 149,585 | 179,917 | 160,516 |
| 1 764 | 1,631 | 1,574 | 1,420 | 1,822 | 1,553 | 7,053 | 5,451 | 6,712 | 5,624 |
| 6,633 | 5,421 | 6,653 | 4,229 | 3,971 | 3,033 | 6,622 | 5,038 | 8 924 | 6,915 |
| ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 28 | 19 | | 10 | 20 | 9 | 25 | 11 | ... | ... |
| 782 | 344 | 391 | 207 | 114 | 67 | 359 | 288 | 380 | 222 |
| 463,605 | 433,406 | 392,719 | 358,055 | 333,791 | 300,722 | 355,013 | 308,583 | 385,102 | 327,172 |

Vaccination verified by Inspecting Officers (para 12).

| PERCENTAGE OF INSPECTIONS TO TOTAL NUMBER VACCINATED. | | | | PERCENTAGE OF CASES FOUND SUCCESSFUL OF TOTAL NUMBER INSPECTED. | | | | PERCENTAGE OF SUCCESS REPORTED BY VACCINATORS. | |
|---|-------------------|--|-------------------|---|-------------------|--|-------------------|--|------------------|
| By Deputy Sanitary Commissioner or Civil Surgeons. | | By Native Superintendent or other Inspecting Officers. | | By Deputy Sanitary Commis. sioner or Civil Surgeons. | | By Native Superintendent or other Inspecting Officers. | | | |
| Primary. | Re-vaccina- tion. | Primary. | Re-vaccina- tion. | Primary. | Re-vaccina- tion. | Primary. | Re-vaccina- tion. | Primary. | Re-vaccina- tion |
| 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
| 12 12 | 92 45 | 37 84 | 72 08 | 73 10 | 45 31 | 78 07 | 52 88 | 74 99 | 46 04 |
| ... | ... | 70 | ... | ... | ... | 55 56 | ... | 95 86 | ... |
| 3 77 | 9 72 | 69 | 3 13 | 91 78 | 92 86 | 69 64 | 66 67 | 87 55 | 90 32 |
| 25 38 | ... | 9 58 | 100 00 | 98 01 | ... | 91 81 | 8 00 | 83 86 | ... |
| 26 93 | 32 72 | ... | ... | 70 77 | 69 44 | ... | ... | 94 60 | 70 96 |
| 29 50 | 39 16 | 67 01 | 57 70 | 66 79 | 48 89 | 71 19 | 52 53 | 64 31 | 31 35 |
| 23 14 | 3 14 | 6 99 | 23 27 | 93 60 | 40 00 | 89 17 | 72 97 | 91 36 | 98 63 |
| 8 26 | ... | 54 55 | 16 35 | 87 43 | ... | 79 93 | 88 24 | 80 57 | 58 70 |
| 8 76 | 1 49 | 7 89 | 80 53 | 87 36 | 100 00 | 86 89 | 43 00 | 93 75 | 37 29 |
| 4 93 | 89 86 | 10 96 | 73 | 87 50 | 58 84 | 82 81 | 50 09 | 92 66 | 70 43 |
| 25 21 | 85 00 | 51 17 | 94 42 | 85 50 | 21 43 | 94 04 | 20 81 | 95 29 | 19 73 |
| 8 35 | 51 39 | 5 84 | 38 09 | 88 65 | 49 87 | 90 69 | 68 73 | 91 77 | 60 47 |
| 28 43 | 50 44 | 3 29 | ... | 93 28 | 35 04 | 92 70 | ... | 95 32 | 52 48 |
| 9 12 | 4 87 | 46 87 | 89 62 | 91 17 | 25 81 | 90 89 | 35 61 | 92 05 | 55 33 |
| 31 39 | 14 17 | 5 60 | 6 38 | 91 14 | 52 57 | 92 53 | 38 22 | 95 78 | 36 23 |
| 62 97 | ... | 6 54 | 9 09 | 88 07 | ... | 88 38 | ... | 83 82 | 12 50 |
| 27 60 | ... | 55 51 | ... | 66 42 | ... | 68 02 | ... | 64 74 | ... |
| 5 96 | 78 73 | 42 69 | 42 68 | 9 81 | 35 06 | 91 32 | 53 20 | 96 28 | 51 19 |
| 3 18 | ... | 5 21 | ... | 73 53 | ... | 69 64 | ... | 51 16 | ... |
| 42 04 | 39 79 | 33 66 | 7 29 | 80 74 | 46 14 | 78 91 | 56 86 | 83 96 | 49 93 |
| 7 25 | 41 74 | 4 85 | 19 94 | 85 93 | 44 03 | 90 23 | 93 75 | 85 40 | 56 43 |
| 28 52 | 95 34 | 88 | 97 49 | 87 60 | 21 43 | 95 83 | 22 06 | 87 98 | 20 00 |
| 49 14 | 83 33 | 3 48 | 5 56 | 93 34 | 35 52 | 98 99 | 42 86 | 92 07 | 47 62 |
| 44 93 | 3 23 | 9 93 | ... | 66 84 | 0 00 | 84 92 | ... | 77 41 | 83 33 |
| 23 14 | 67 50 | 48 84 | 32 50 | 89 18 | 44 44 | 91 25 | 30 77 | 79 05 | 44 44 |
| 21 11 | 2 99 | 3 57 | 2 99 | 81 36 | 50 00 | 75 07 | 100 00 | 80 66 | 29 23 |
| 35 30 | 92 68 | 80 | 7 32 | 78 31 | 52 63 | 39 22 | 22 22 | 73 95 | 50 41 |
| 6 09 | ... | 3 26 | 100 00 | 71 95 | ... | 67 42 | 68 75 | 88 41 | ... |
| 6 56 | 38 06 | 10 44 | 4 90 | 92 12 | 98 25 | 93 50 | 93 18 | 95 79 | 78 84 |
| 45 80 | 88 92 | ... | ... | 88 64 | 25 48 | ... | ... | 91 97 | 31 37 |
| 13 66 | 44 15 | 4 87 | 13 41 | 62 82 | 61 33 | 53 72 | 79 01 | 64 27 | 57 44 |
| 19 65 | 54 55 | 2 90 | ... | 88 72 | 53 70 | 98 42 | ... | 93 39 | 44 44 |
| 52 02 | 57 61 | 2 57 | 8 70 | 85 52 | 73 58 | 97 20 | 62 50 | 86 47 | 42 86 |
| 22 16 | 50 12 | 12 33 | ... | 89 13 | 38 53 | 98 99 | ... | 93 72 | 74 09 |
| 33 10 | 6 25 | 4 30 | ... | 70 32 | 100 00 | 83 14 | ... | 76 83 | 44 63 |
| 21 26 | 62 58 | 4 53 | 12 07 | 99 86 | 64 63 | 91 26 | 80 00 | 73 07 | 67 63 |
| 22 05 | 19 35 | 38 04 | 80 65 | 53 11 | ... | 58 63 | 72 00 | 84 42 | ... |
| 1 47 | ... | 3 99 | ... | 90 00 | ... | 74 83 | ... | 83 51 | ... |
| 82 | 2 86 | 36 41 | 91 43 | 58 33 | 100 00 | 82 14 | 87 50 | 63 10 | ... |
| 19 95 | 49 43 | 17 45 | 24 19 | 85 55 | 57 87 | 84 59 | 43 60 | 67 20 | 54 97 |

APPENDIX A.

Showing the ratio per 10,000 successfully vaccinated and the mortality from small-pox by quinquennial periods for Lower Burma only (para. 7).

| Official year. | Ratio per 10,000 successfully vaccinated. | Quinquennial mean. | Calendar year. | Ratio per 10,000 of mortality from small-pox. | Quinquennial mean. |
|------------------|---|--------------------|----------------|---|--------------------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 1888-89 | 197.90 | 236.06 | 1888 | 1.60 | 5.10 |
| 1889-90 | 266.70 | | 1889 | 7.70 | |
| 1890-91 | 243.60 | | 1890 | 10.10 | |
| 1891-92 | 214.20 | | 1891 | 2.90 | |
| 1892-93 | 257.90 | | 1892 | 3.20 | |
| 1893-94 | 303.50 | 449.46 | 1893 | 6.30 | 4.40 |
| 1894-95 | 353.80 | | 1894 | 3.80 | |
| 1895-96 | 448.90 | | 1895 | 3.40 | |
| 1896-97 | 554.40 | | 1896 | 3.70 | |
| 1897-98 | 586.70 | | 1897 | 4.30 | |
| 1898-99 | 652.50 | 494.58 | 1898 | 10.70 | 7.61 |
| 1899-1900 | 678.10 | | 1899 | 13.20 | |
| 1900-01 | 511.40 | | 1900 | 6.80 | |
| 1901-02 | 331.40 | | 1901 | 4.57 | |
| 1902-03 | 299.49 | | 1902 | 2.77 | |
| 1903-04 | 314.73 | | 1903 | 2.30 | |

APPENDIX B.

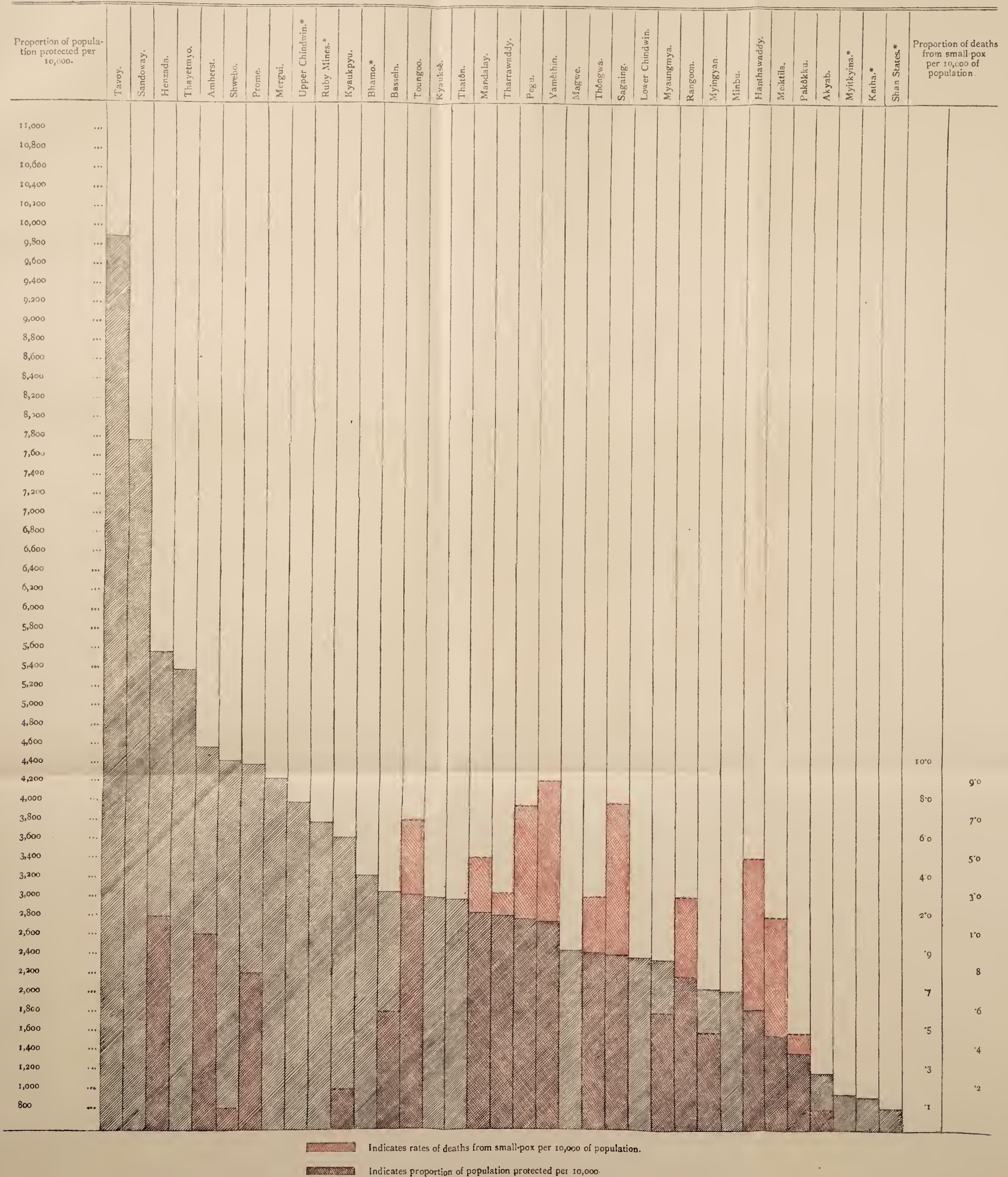
Statistics relating to the number of children under one year of age in towns available for vaccination and the number of successful operations performed on them (para. 6).

| Towns. | Number of births during the year 1903-04. | Number of deaths among children under one year of age. | Number living after deducting deaths in column 3. | Number of successful vaccinations on children under one year of age. | Date of extension of Vaccination Act into town. |
|-----------------------|---|--|---|--|---|
| 1 | 2 | 3 | 4 | 5 | 6 |
| Akyab | 603 | 190 | 413 | 459 | August 1883. |
| Kyaukpyu | 72 | 14 | 58 | 147 | April 1894. |
| Sandoway | 99 | 20 | 79 | 53 | September 1890. |
| Rangoon | 4,591 | 1,550 | 3,041 | 1,990 | April 1884. |
| Pegu | 423 | 113 | 310 | 301 | March 1893. |
| Prome | 1,027 | 209 | 818 | 808 | June 1890. |
| Paungdè | 418 | 93 | 325 | 267 | August 1890. |
| Gyobingauk | 258 | 69 | 189 | 104 | February 1897. |
| Letpadan | 247 | 74 | 173 | 77 | January 1897. |
| Thonzè | 263 | 86 | 177 | 127 | October 1897. |
| Ma-ubin | 163 | 51 | 117 | 25 | October 1891. |
| Yandoon | 465 | 80 | 385 | 193 | January 1892. |
| Bassein | 972 | 208 | 764 | 762 | September 1888. |
| Ngathaingyaung | 247 | 46 | 201 | 163 | February 1890. |
| Myaungmyè | 147 | 31 | 116 | 137 | June 1894. |
| Henza'a | 938 | 305 | 633 | 561 | January 1889. |
| Zalun | 257 | 67 | 190 | 185 | August 1894. |
| Myanaung | 231 | 45 | 186 | 174 | July 1888. |
| Moulmè'n | 1,324 | 225 | 1,099 | 1,017 | August 1885. |
| Thatôn | 423 | 102 | 321 | 171 | October 1891. |
| Kyalkto | 209 | 34 | 175 | 58 | March 1897. |
| Tavoy | 778 | 116 | 662 | 662 | December 1889. |
| Mergui | 421 | 26 | 395 | 238 | October 1891. |
| Toungoo | 558 | 137 | 421 | 433 | May 1889. |
| Shwegyin | 228 | 33 | 190 | 177 | January 1890. |
| Mandalay | 6,275 | 1,995 | 4,280 | 4,074 | August 1891. |
| Sagaing | 367 | 80 | 287 | 204 | April 1894. |
| Monywa | 306 | 93 | 208 | 162 | March 1893. |
| Thayetmyo | 450 | 169 | 281 | Not avail- able. | May 1889. |
| Yamèthin | 280 | 56 | 224 | 26 | February 1892. |
| Pyinmana | 502 | 107 | 395 | 433 | November 1891. |
| Myingyan | 706 | 187 | 519 | 619 | September 1891. |
| Pagan | ... | 34 | ... | 204 | November 1891. |
| Shwebo | 352 | 158 | 194 | 228 | June 1894. |
| Pakkòkku | 839 | 275 | 614 | 602 | April 1892. |
| Kyauksè | 299 | 94 | 205 | 215 | May 1894. |
| Minbu | 174 | 47 | 127 | 102 | March 1896. |
| Salin | 270 | 51 | 219 | 120 | March 1896. |
| Taungdwingyi | 304 | 82 | 222 | 173 | February 1893. |
| Total | 26,591 | 7,362 | 19,263 | 16,501 | |

APPENDICES.

APPENDIX C.

Diagram showing the proportion of population protected during the seven official years from 1897-98 to 1903-04 and death-rate from small-pox during the calendar year 1903 in districts where registration is in force (para. 7).





NOTES AND STATISTICS

ON

VACCINATION IN BURMA

FOR THE YEAR 1903-04.



RANGOON:

OFFICE OF THE SUPERINTENDENT, GOVERNMENT PRINTING, BURMA.

1904.

[Price,—Re. 0-5-0 = 5½d.]